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Docket No. YOR920030497US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SELF TIMED BIT AND READ/WRITE PULSE STRETCHERS

the specification of which (check one)

_____ is attached hereto.

☒ was filed on December 15, 2003 as United States Application Number 10/736,413

or PCT International Application Number _____

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) Priority Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) (Filing Date)_____
(Application Number) (Filing Date)

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914) John E. Hoel (reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (41,544), Timothy M. Farrell (Reg. 37,321), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. 41,473), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Rafael Perez-Pineiro (Reg. 46,041) and Gail H. Zarick (Reg. 43,303).

Docket No. YOR920030497US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Send Correspondence to: Customer No. 33233
Law Office of Charles W. Peterson, Jr.
P.O. Box 710627
Oak Hill, VA 20171

Direct Telephone Calls to: (name and telephone number) Charles W. Peterson, Jr.
(703) 481-0532

Rajiv V. JOSHI
Full name of sole or second inventor

R.V. Joshi April 19, 2004
Inventor's Signature Date

1418 Pine Brooke Court, Yorktown Heights, New York 10598
Residence

India USA R.V.J
Citizenship

Same as above
Post Office Address

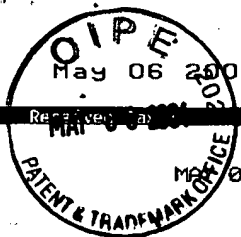
Arthur D. Tuminaro
Full name of sole or second inventor

Inventor's Signature Date

19 Toms Way, LaGrangeville, NY 12540
Residence

US
Citizenship

Same as above
Post Office Address



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May 06 2004 2:46 PM

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May 06 '04 15:07 FR IBM 705 2-P-14

845 435 1593 TO 917034810585

P.02

Docket No. YOR92003049TUS1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SELF TIMED BIT AND READ/WRITE PULSE STRETCHERS

the specification of which (check one):

☐ is attached hereto.☒ was filed on December 15, 2003 as United States Application Number 10/736,415

or PCT International Application Number _____

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)
_____	_____

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
_____	_____	_____

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 2001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number):

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845 435 1593 TO 917034810585

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Docket No. YOR920030497US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATIONSend Correspondence to: Customer No. 33233Law Office of Charles W. Peterson, Jr.P.O. Box 710627Oak Hill, VA 20171

Direct Telephone Calls to: (name and telephone number)

Charles W. Peterson, Jr.(703) 481-0532Rajiv V. JOSHI

Full name of sole or second inventor

Inventor's Signature

Date

1418 Pine Brooke Court, Yorktown Heights, New York 10598

Residence

US

Citizenship

Same as above

Post Office Address

Arthur D. Tuminaro

Full name of sole or second inventor

Inventor's Signature

Date

19 Toms Way, LaGrangeville, NY 12540

Residence

US

Citizenship

Same as above

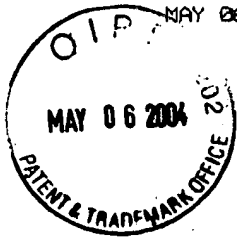
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P.01/01

Attorney Docket No.: YOR920030497US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re PATENT APPLICATION of:

Rajiv V. Joshi et al.

Appln. No.: 10/736,415

Art Unit: 2818

Filed: December 15, 2003

Examiner: Unknown

For: SELF TIMED BIT AND READ/WRITE
PULSE STRETCHERSASSOCIATE POWER OF ATTORNEYMail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned attorney of record in the above-identified patent application hereby appoints Charles W. Peterson, Jr., Registration No. 34,406 as associate attorney to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith. Please continue to direct all correspondence and telephone calls to:

Customer Number 33233

Law Office of Charles W. Peterson, Jr.
P.O. Box 710627
Oak Hill, VA. 20171
Tel.: (703) 481-0532
Fax.: (703) 481-05855/6/04
(Date)

Attorney: Charles W. Peterson
Registration No.: 33,206
Tel. (914) 945-3145
Fax. (914) 945-3281

IBM CORPORATION
INTELLECTUAL PROPERTY LAW DEPT.
P.O. BOX 218
YORKTOWN HEIGHTS, NY 10598

** TOTAL PAGE. 01 **